



Image

2856

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HARTIGAN et al.

S/N: 09/827,947

Filed: April 6, 2001

Entitled: Method and System for Liquefaction Monitoring

Atty. Dkt.: M00A214

Group No.: 2856

Examiner: Jay L. Politzer

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 18, 2003.
(Date)

Betty Lee

Printed name of person signing this certificate

Betty Lee

Signature of person mailing

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BEFORE MAILING DATE OF EITHER A FINAL ACTION
OR NOTICE OF ALLOWANCE (37 C.F.R. § 1.97(C))**

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1. The information disclosure statement transmitted herewith is being filed after three months of the filing date of this national application or the date of entry of the national stage as set forth in § 1.491 in an international application or after the mailing date of the first Office action on the merits, whichever event occurred last but before the mailing date of either:

- (1) a final action under § 1.113 or
- (2) a notice of allowance under § 1.311,
whichever occurs first.

STATEMENT OR FEE

2. Accompanying this transmittal is

(check either A or B below)

A. ☒ a statement as specified in 37 C.F.R. § 1.97(e).

OR

B. ☐ the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under § 1.97(c). (\$180.00).

FEE PAYMENT

(complete this item, if applicable)

3. Applicant elects the option to pay the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under § 1.97(c) (\$180.00).

Fee due \$ _____

METHOD OF PAYMENT OF FEE

4. ☐ Authorization is hereby made to charge the amount of \$ _____

☒ to Deposit Account No. 02-2865

☒ Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

A duplicate of this paper is attached.

Respectfully submitted,

Date:

Dec 17, 2003

The BOC Group, Inc.
Legal Services - Intellectual Property
100 Mountain Ave.
Murray Hill, NJ 07974
(908) 771-6469



Ira Lee Zebrak, Esq.
Attorney for Applicant(s)
Reg. No. 31,147

Customer No.: 020411



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Applicant: HARTIGAN et al.
Serial No.: 09/827,947
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Betty Lee
Signature of person mailing

Dear Sir:

**STATEMENT FOR INFORMATION DISCLOSURE
UNDER 37 C.F.R. Section 1.97(e)**

**IDENTIFICATION OF INFORMATION DISCLOSURE STATEMENT
FOR WHICH THIS STATEMENT IS BEING MADE**

1. This statement is being made for the Information Disclosure Statement herewith.

STATEMENT

2. I, the person signing below, state that each item of information contained in the Information Disclosure Statement was cited for the first time in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement. 37 C.F.R. Section 1.97(e)(1).

IDENTIFICATION OF PERSON MAKING THIS STATEMENT

3. The person making this certification is:
(a) the practitioner who signs below on the basis of the information in the practitioner's file.

Date:

Dec 17, 2003

Ira Lee Zebrak
SIGNATURE OF PRACTITIONER

Reg. No.: 31,147
Tel. No.: (908) 771-6469
Customer No.: 020411

Ira Lee Zebrak
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100 Mountain Avenue
Murray Hill, NJ 07974

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2
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C mplete if Known

Application Number	09/827,947
Filing Date	April 6, 2001
First Named Inventor	HARTIGAN et al.
Art Unit	2856
Examiner Name	Jay L. Politzer
Attorney Docket Number	M00A214

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY			
	4	EP 0 631 218 A2	12-28-1994	Balz & Sohn		
	5	JP 06 194274 A	07-15-1994	Toshiba Corp		
	6	WO 98/43051	10-01-1998	Rosemount Inc.		
	7	JP 60 218527 A	11-01-1985	Matsushita ...		
	8	JP 11 236673A	08-31-1999	Mitsubishi Elec		
	9	JP 62190455 A	08-20-1987	Shinwa Package		

Examiner
Signature

Date Considered

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Sheet	2	of	2	Application Number	09/827,947
				Filing Date	April 6, 2001
				First Named Inventor	HARTIGAN et al.
				Art Unit	2856
				Examiner Name	Jay L. Politzer
				Attorney Docket Number	M00A214

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	10	European Search Report for Application No. 02252359.1 dated November 4, 2003	
	11	JP 06 194274 A, Toshiba Corp, PATENT ABSTRACTS OF JAPAN, vol. 018, no. 539 (P-1812), October 13, 1994	
	12	JP 60 218527 A, Matsushita Electric Ind Co Ltd, PATENT ABSTRACTS OF JAPAN, vol. 010, no. 077 (M-464), March 26, 1986	
	13	JP 11 236673 A, Mitsubishi Electric Corp, PATENT ABSTRACTS OF JAPAN, vol. 1999, no. 13, November 30, 1999	
	14	JP 62 190455 A, Chino Corp, PATENT ABSTRACTS OF JAPAN, vol. 012, no. 043 (P-664), February 9, 1988	
	15	N. Verma, G. Hartigan, D. Ruppert, "CIF3 and Other Low Vapor Pressure Gas Systems," SEMICONDUCTOR INTERNATIONAL, July 1997; pps. 253-254, 256, 258, 260	
	16	Francisco F. A. Martinez and Marzia S. Infantini, "Phase Behavior and Splitting Analysis: An Operational Tool in Gas Transmission and Distribution"; PROCEEDINGS OF	
		THE SEVENTY-SEVENTH GPA ANNUAL CONVENTION; pps. 30-35; Gas Processors Association 1998, Tulsa, OK	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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